



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/751,431

01/06/2004

Yuuki Iwasaki

247293US6

3218

22850

7590

07/27/2006

C. IRVIN MCCLELLAND  
OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.  
1940 DUKE STREET  
ALEXANDRIA, VA 22314

EXAMINER

LEA EDMONDS, LISA S

ART UNIT

PAPER NUMBER

2835

DATE MAILED: 07/27/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/751,431

Applicant(s)

IWASAKI ET AL.

Examiner

Lisa Lea-Edmonds

Art Unit

2835

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 10 July 2006.  
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-5 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 1-5 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.  
10) ☒ The drawing(s) filed on 06 January 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☒ All b) ☐ Some \* c) ☐ None of:  
1. ☒ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 07/10/06.

- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.  
5) ☐ Notice of Informal Patent Application (PTO-152)  
6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### *Information Disclosure Statement*

1. The examiner of record has considered the information disclosure statement (IDS) submitted on 07/10/06.

### *Claim Rejections - 35 USC § 103*

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Watanabe et al. (11-237929) in view of Wölfert Hans-Peter (DE 200 15 271 U1). With respect to claims 1 and 2, Watanabe et al. teaches an information terminal apparatus having a thin housing structure including at least a display, said information terminal apparatus being driven by batteries, the information terminal apparatus comprising: a battery pack for accommodating therein said batteries, said battery pack including a front surface facing a direction of the thin housing a back surface facing away from the thin housing, and a rotary support mechanism for attaching and rotating said battery pack at a portion of a rear wall side of said display such that said battery pack becomes freely openable and closable from a lower portion of the rear wall side of said display, wherein said rotated battery pack is used as a stand to enable said display to rise to the

Art Unit: 2835

erect position and said front and back surface of said battery pack is are directly exposed to air, wherein said information terminal apparatus comprises a base device including wireless communication means and wireless communication means capable of making wireless communication including reception of image data information.

However, Watanabe et al. lacks a teaching of the battery pack being at an intermediate portion of a rear wall side of said display as claimed. The apparatus of Wölfert is relied upon for its teaching of said battery pack at an intermediate portion of a rear wall side of said display such that said battery pack becomes freely openable and closable from a lower portion of the rear wall side of said display as claimed. It would have been obvious to one of ordinary skill in the art at the time the invention was made for the battery pack of Watanabe et al. to be at an intermediate portion of the rear wall of the display to aid in tilting and supporting the display in various inclinations. With respect to claim 3-5, Watanabe et al. teaches an information terminal apparatus having a thin housing structure including at least a display, said information terminal apparatus being driven by batteries, an information terminal apparatus comprising: a battery pack compartment member to which a battery pack to accommodate therein said batteries is detachably attached, said battery pack compartment member including a front surface facing a direction of the thin housing a back surface facing away from the thin housing and a rotary support mechanism for attaching and rotating said battery pack compartment member about a portion of the rear wall side of said display so that said battery pack compartment member becomes freely openable and closable from the lower portion of the rear wall side of said display, wherein said rotated battery pack


compartment member is used as a stand formed as one body with said battery pack to enable said display to rise to the erect position and said battery pack is directly exposed to the air, wherein said battery pack includes first connection means for making electrical connection with engagement means and said battery pack compartment member includes fixing means for fixing said engagement means when said battery pack is attached thereto and second connection means connected to said first connection means to make electrical connection with said first connection means when said battery pack is attached thereto, wherein said information terminal apparatus comprises a base device including wireless communication means and wireless communication means capable of making wireless communication including reception of image data information. However, Watanabe et al. lacks a teaching of the battery pack being at an intermediate portion of a rear wall side of said display as claimed. The apparatus of Wölfert is relied upon for its teaching of said battery pack at an intermediate portion of a rear wall side of said display such that said battery pack becomes freely openable and closable from a lower portion of the rear wall side of said display as claimed. It would have been obvious to one of ordinary skill in the art at the time the invention was made for the battery pack of Watanabe et al. to be at an intermediate portion of the rear wall of the display to aid in tilting and supporting the display in various inclinations.

**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lisa Lea-Edmonds whose telephone number is 571-272-2043. The examiner can normally be reached on Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn Field can be reached on (571) 272-2800, ext 35. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
Lisa Lea-Edmonds  
Primary Examiner  
Art Unit 2835

2006-07-21